



INDIAN WELLS

CALIFORNIA

CITY OF INDIAN WELLS PROFESSIONAL SERVICES AGREEMENT

1. PARTIES AND DATE.

This Agreement is made and entered into this **18th** day of **February, 2016**, by and between the **City of Indian Wells**, a municipal organization organized under the laws of the State of California with its principal place of business at 44-950 Eldorado Drive, Indian Wells, California 92210-7497 (“City”) and **CNS Engineers, Inc.**, a **California Corporation** with its principal place of business at **11870 Pierce Street, Ste. 265 Riverside, CA 92505** (“Consultant”). City and Consultant are sometimes individually referred to as “Party” and collectively as “Parties.”

2. RECITALS.

2.1 Consultant.

Consultant desires to perform and assume responsibility for the provision of certain professional services required by the City on the terms and conditions set forth in this Agreement. Consultant represents that it is experienced in providing **professional engineering and design** services to public clients, is licensed in the State of California, and is familiar with the plans of City.

2.2 Project.

City desires to engage Consultant to render such services for the **Cook Street Rubberized Pavement Overlay/Rehabilitation Federal-Aid Project No. STPL-5401 (003)** project (“Project”) as set forth in this Agreement.

3. TERMS.

3.1 Scope of Services and Term.

3.1.1 General Scope of Services. Consultant promises and agrees to furnish to the City all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the professional **engineering and design** consulting services necessary for the Project (“Services”). The Services are more particularly described in Exhibit “A” attached hereto and incorporated herein by reference. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules and regulations.

3.1.2 Term. The term of this Agreement shall be from **March 7, 2016 to June 30, 2016** unless earlier terminated as provided herein. Consultant shall complete the Services within the term of this Agreement, and shall meet any other established schedules and deadlines.

3.2 Responsibilities of Consultant.

3.2.1 Control and Payment of Subordinates; Independent Contractor. The Services shall be performed by Consultant or under its supervision. Consultant will determine the means, methods and details of performing the Services subject to the requirements of this Agreement. City retains Consultant on an independent contractor basis and not as an employee. Consultant retains the right to perform similar or different services for others during the term of this Agreement. Any additional personnel performing the Services under this Agreement on behalf of Consultant shall also not be employees of City and shall at all times be under Consultant's exclusive direction and control. Consultant shall pay all wages, salaries, and other amounts due such personnel in connection with their performance of Services under this Agreement and as required by law. Consultant shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: social security taxes, income tax withholding, unemployment insurance, disability insurance, and workers' compensation insurance.

3.2.2 Schedule of Services. Consultant shall perform the Services expeditiously, within the term of this Agreement, and in accordance with the Schedule of Services set forth in Exhibit "B" attached hereto and incorporated herein by reference. Consultant represents that it has the professional and technical personnel required to perform the Services in conformance with such conditions. In order to facilitate Consultant's conformance with the Schedule, City shall respond to Consultant's submittals in a timely manner. Upon request of City, Consultant shall provide a more detailed schedule of anticipated performance to meet the Schedule of Services.

3.2.3 Conformance to Applicable Requirements. All work prepared by Consultant shall be subject to the approval of City.

3.2.4 Substitution of Key Personnel. Consultant has represented to City that certain key personnel will perform and coordinate the Services under this Agreement. Should one or more of such personnel become unavailable, Consultant may substitute other personnel of at least equal competence upon written approval of City. In the event that City and Consultant cannot agree as to the substitution of key personnel, City shall be entitled to terminate this Agreement for cause. As discussed below, any personnel who fail or refuse to perform the Services in a manner acceptable to the City, or who are determined by the City to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project or a threat to the safety of persons or property, shall be promptly removed from the Project by the Consultant at the request of the City. The key personnel for performance of this Agreement are as follows: Public Works Director.

3.2.5 City's Representative. The City hereby designates the Public Works Director, or his or her designee, to act as its representative for the performance of this Agreement ("City's Representative"). City's Representative shall have the power to act on behalf of the City for all purposes under this Contract. Consultant shall not accept direction or orders from any person other than the City's Representative or his or her designee.

3.2.6 Consultant's Representative. Consultant hereby designates James J. Lu, P.E., S.E., or his or her designee, to act as its representative for the performance of this Agreement ("Consultant's Representative"). Consultant's Representative shall have full authority to represent and act on behalf of the Consultant for all purposes under this Agreement. The Consultant's Representative shall supervise and direct the Services, using his best skill and attention, and shall be responsible for all means, methods, techniques, sequences and procedures and for the satisfactory coordination of all portions of the Services under this Agreement.

3.2.7 Coordination of Services. Consultant agrees to work closely with City staff in the performance of Services and shall be available to City's staff, consultants and other staff at all reasonable times.

3.2.8 Standard of Care; Performance of Employees. Consultant shall perform all Services under this Agreement in a skillful and competent manner, consistent with the standards generally recognized as being employed by professionals in the same discipline in the State of California. Consultant represents and maintains that it is skilled in the professional calling necessary to perform the Services. Consultant warrants that all employees and subcontractors shall have sufficient skill and experience to perform the Services assigned to them. Finally, Consultant represents that it, its employees and subcontractors have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform the Services, including a City Business License, and that such licenses and approvals shall be maintained throughout the term of this Agreement. As provided for in the indemnification provisions of this Agreement, Consultant shall perform, at its own cost and expense and without reimbursement from the City, any services necessary to correct errors or omissions which are caused by the Consultant's failure to comply with the standard of care provided for herein. Any employee of the Consultant or its sub-consultants who is determined by the City to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, a threat to the safety of persons or property, or any employee who fails or refuses to perform the Services in a manner acceptable to the City, shall be promptly removed from the Project by the Consultant and shall not be re-employed to perform any of the Services or to work on the Project.

3.2.9 Laws and Regulations. Consultant shall keep itself fully informed of and in compliance with all local, state and federal laws, rules and regulations in any manner affecting the performance of the Project or the Services, including all Cal/OSHA requirements, and shall give all notices required by law. Consultant shall be liable for all violations of such laws and regulations in connection with Services. If the Consultant performs any work knowing it to be contrary to such laws, rules and regulations and without giving written notice to the City, Consultant shall be solely responsible for all costs arising therefrom. Consultant shall defend, indemnify and hold City, its officials, directors, officers, employees and agents free and harmless, pursuant to the indemnification provisions of this Agreement, from any claim or liability arising out of any failure or alleged failure to comply with such laws, rules or regulations.

3.2.10 Insurance.

3.2.10.1 Time for Compliance. Consultant shall not commence the Services under this Agreement until it has provided evidence satisfactory to the City that it has secured all insurance required under this section. In addition, Consultant shall not allow any subcontractor to commence work on any subcontract until it has provided evidence satisfactory to the City that the subcontractor has secured all insurance required under this section.

3.2.10.2 Minimum Requirements. Consultant shall, at its expense, procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Agreement by the Consultant, its agents, representatives, employees or subcontractors. Consultant shall also require all of its subcontractors to procure and maintain the same insurance for the duration of the Agreement. Such insurance shall meet at least the following minimum levels of coverage:

(A) Minimum Scope of Insurance. Coverage shall be at least as broad as the latest version of the following: (1) *General Liability*: Insurance Services Office Commercial General Liability coverage (occurrence form CG 0001); (2) *Automobile Liability*: Insurance Services Office Business Auto Coverage form number CA 0001, code 1 (any auto); and (3) *Workers' Compensation and Employer's Liability*: Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.

(B) Minimum Limits of Insurance. Consultant shall maintain limits no less than: (1) *General Liability*: \$1,000,000 per occurrence/\$2,000,000 in the aggregate, for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with general aggregate limit is used, either the general aggregate limit shall apply separately to this Agreement/location or the general aggregate limit shall be twice the required occurrence limit; (2) *Automobile Liability*: \$1,000,000 per accident/\$1,000,000 in the aggregate, for bodily injury and property damage; and (3) *Workers' Compensation and Employer's Liability*: Workers' Compensation limits as required by the Labor Code of the State of California. Employer's Liability limits of \$1,000,000 per accident for bodily injury or disease.

3.2.10.3 Professional Liability (Errors and Omissions) Insurance. Consultant shall procure and maintain, and require its sub-consultants to procure and maintain, for a period of five (5) years following completion of the Services, errors and omissions liability insurance appropriate to their profession. Such insurance shall be in an amount not less than \$1,000,000 per claim, and shall be endorsed to include contractual liability.

3.2.10.4 Insurance Endorsements. The insurance policies shall contain the following provisions, or Consultant shall provide endorsements on forms supplied or approved by the City to add the following provisions to the insurance policies:

(A) General Liability. The general liability policy shall be endorsed to state that: (1) the City, its directors, officials, officers, employees, agents and volunteers shall be covered as additional insureds with respect to the Services or operations performed by or on behalf of the Consultant, including materials, parts or equipment furnished in connection with such work; and (2) the insurance coverage shall be primary insurance as respects the City, its directors, officials, officers, employees, agents and volunteers, or if excess, shall stand in an unbroken chain of coverage excess of the Consultant's scheduled underlying coverage. Any insurance or self-insurance maintained by the City, its directors, officials, officers, employees, agents and volunteers shall be excess of the Consultant's insurance and shall not be called upon to contribute with it in any way.

(B) Automobile Liability. The automobile liability policy shall be endorsed to state that: (1) the City, its directors, officials, officers, employees, agents and volunteers shall be covered as additional insureds with respect to the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by the

Consultant or for which the Consultant is responsible; and (2) the insurance coverage shall be primary insurance as respects the City, its directors, officials, officers, employees, agents and volunteers, or if excess, shall stand in an unbroken chain of coverage excess of the Consultant's scheduled underlying coverage. Any insurance or self-insurance maintained by the City, its directors, officials, officers, employees, agents and volunteers shall be excess of the Consultant's insurance and shall not be called upon to contribute with it in any way.

(C) Workers' Compensation and Employers Liability Coverage. The insurer shall agree to waive all rights of subrogation against the City, its directors, officials, officers, employees, agents and volunteers for losses paid under the terms of the insurance policy which arise from work performed by the Consultant.

(D) All Coverages. Each insurance policy required by this Agreement shall be endorsed to state that: (A) coverage shall not be suspended, voided, reduced or canceled except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City; and (B) any failure to comply with reporting or other provisions of the policies, including breaches of warranties, shall not affect coverage provided to the City, its directors, officials, officers, employees, agents and volunteers.

3.2.10.5 Separation of Insureds; No Special Limitations. All insurance required by this Section shall contain standard separation of insureds provisions. In addition, such insurance shall not contain any special limitations on the scope of protection afforded to the City, its directors, officials, officers, employees, agents and volunteers.

3.2.10.6 Deductibles and Self-Insurance Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. Consultant shall guarantee that, at the option of the City, either: (1) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its directors, officials, officers, employees, agents and volunteers; or (2) the Consultant shall procure a bond guaranteeing payment of losses and related investigation costs, claims and administrative and defense expenses.

3.2.10.7 Acceptability of Insurers. Insurance is to be placed with insurers with a current A.M. Best's rating no less than A:VII, licensed to do business in California, and satisfactory to the City.

3.2.10.8 Verification of Coverage. Consultant shall furnish City with original certificates of insurance and endorsements effecting coverage required by this Agreement on forms satisfactory to the City. The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf, and shall be on forms provided by the City if requested. All certificates and endorsements must be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, at any time.

3.2.11 Safety. Consultant shall execute and maintain its work so as to avoid injury or damage to its employees or property. In carrying out its Services, the Consultant shall at all times be in compliance with all applicable local, state and federal laws, rules and regulations, and shall exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed. Safety precautions as applicable shall include, but shall not be limited to: (A) adequate life protection

and life saving equipment and procedures; (B) instructions in accident prevention for all employees and subcontractors, such as safe walkways, scaffolds, fall protection ladders, bridges, gang planks, confined space procedures, trenching and shoring, equipment and other safety devices, equipment and wearing apparel as are necessary or lawfully required to prevent accidents or injuries; and (C) adequate facilities for the proper inspection and maintenance of all safety measures. Consultant is not responsible for general job site safety, which remains the obligation of Contractor.

3.3 Fees and Payments.

3.3.1 Compensation. Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit "C" attached hereto and incorporated herein by reference. The total compensation shall not exceed **Eighty-two Thousand and 00/100 Dollars (\$82,000)** without written approval of City's **Public Works Director**. Extra Work may be authorized, as described below; and if authorized, said Extra Work will be compensated at the rates and manner set forth in this Agreement.

3.3.2 Payment of Compensation. Consultant shall submit to City a monthly itemized statement which indicates work completed and hours of Services rendered by Consultant. The statement shall describe the amount of Services and supplies provided since the initial commencement date, or since the start of the subsequent billing periods, as appropriate, through the date of the statement. City shall, within 45 days of receiving such statement, review the statement and pay all approved charges thereon.

3.3.3 Reimbursement for Expenses. Consultant shall not be reimbursed for any expenses unless authorized in writing by City.

3.3.4 Extra Work. At any time during the term of this Agreement, City may request that Consultant perform Extra Work. As used herein, "Extra Work" means any work which is determined by City to be necessary for the proper completion of the Project, but which the Parties did not reasonably anticipate would be necessary at the execution of this Agreement. Consultant shall not perform, nor be compensated for, Extra Work without written authorization from City's Representative.

3.3.5 [Intentionally Omitted]

3.4 Accounting Records.

3.4.1 Maintenance and Inspection. Consultant shall maintain complete and accurate records with respect to all costs and expenses incurred under this Agreement. All such records shall be clearly identifiable. Consultant shall allow a representative of City during normal business hours to examine, audit, and make transcripts or copies of such records and any other documents created pursuant to this Agreement. Consultant shall allow inspection of all work, data, documents, proceedings, and activities related to the Agreement for a period of three (3) years from the date of final payment under this Agreement.

3.5 General Provisions.

3.5.1 Termination of Agreement.

3.5.1.1 Grounds for Termination. City may, by written notice to Consultant, terminate the whole or any part of this Agreement at any time and without cause by giving written notice to Consultant of such termination, and specifying the effective date thereof, at least seven (7) days before the effective date of such termination. Upon termination, Consultant shall be compensated only for those services which have been adequately rendered to City, and Consultant shall be entitled to no further compensation. Consultant may not terminate this Agreement except for cause.

3.5.1.2 Effect of Termination. If this Agreement is terminated as provided herein, City may require Consultant to provide all finished or unfinished Documents and Data and other information of any kind prepared by Consultant in connection with the performance of Services under this Agreement. Consultant shall be required to provide such documents and other information within fifteen (15) days of the request.

3.5.1.3 Additional Services. In the event this Agreement is terminated in whole or in part as provided herein, City may procure, upon such terms and in such manner as it may determine appropriate, services similar to those terminated.

3.5.2 Delivery of Notices. All notices permitted or required under this Agreement shall be given to the respective Parties at the following address, or at such other address as the respective parties may provide in writing for this purpose:

Consultant:

CNS Engineers, Inc.
11870 Pierce Street, Ste. 265
Riverside, CA 92505
Attn: James Lu, P.E., S.E.

City:

City of Indian Wells
44-950 Eldorado Drive, Indian Wells
California 92210-7497
Attn: Public Works Department

Such notice shall be deemed made when personally delivered or when mailed, forty-eight (48) hours after deposit in the U.S. Mail, first class postage prepaid and addressed to the Party at its applicable address. Actual notice shall be deemed adequate notice on the date actual notice occurred, regardless of the method of service.

3.5.3 Ownership of Materials and Confidentiality.

3.5.3.1 Documents & Data; Licensing of Intellectual Property. Upon full payment to Consultant for its services this Agreement creates a non-exclusive and perpetual license for City any and all copyrights, designs, and other intellectual property embodied in plans, specifications, studies, drawings, estimates, and other documents or works of authorship fixed in any tangible medium of expression, including but not limited to, physical drawings or data magnetically or otherwise recorded on computer diskettes, which are prepared or caused to be prepared by Consultant under this Agreement ("Documents & Data"). Consultant shall require all subcontractors to agree in writing that City is granted a non-exclusive and perpetual license for any Documents & Data the subcontractor prepares under this Agreement. Consultant represents and warrants that Consultant has the legal right to license any and all Documents &

Data. Consultant makes no such representation and warranty in regard to Documents & Data which were prepared by design professionals other than Consultant or provided to Consultant by the City. City shall not be limited in any way in its use of the Documents & Data at any time, provided that any such use not within the purposes intended by this Agreement shall be at City's sole risk.

3.5.3.2 Confidentiality. All ideas, memoranda, specifications, plans, procedures, drawings, descriptions, computer program data, input record data, written information, and other Documents and Data either created by or provided to Consultant in connection with the performance of this Agreement shall be held confidential by Consultant. Such materials shall not, without the prior written consent of City, be used by Consultant for any purposes other than the performance of the Services. Nor shall such materials be disclosed to any person or entity not connected with the performance of the Services or the Project. Nothing furnished to Consultant which is otherwise known to Consultant or is generally known, or has become known, to the related industry shall be deemed confidential. Consultant shall not use City's name or insignia, photographs of the Project, or any publicity pertaining to the Services or the Project in any magazine, trade paper, newspaper, television or radio production or other similar medium without the prior written consent of City.

3.5.4 Cooperation; Further Acts. The Parties shall fully cooperate with one another, and shall take any additional acts or sign any additional documents as may be necessary, appropriate or convenient to attain the purposes of this Agreement.

3.5.5 [INTENTIONALLY OMITTED]

3.5.6 Indemnification. Consultant shall defend, indemnify and hold CITY, its officials, officers, employees and agents free and harmless from any and all claims, demands, causes of action, costs, expenses, liability, loss, damage or injury of any kind, in law or equity, to property or persons, including wrongful death, to the extent such claim arises out of or is incident to the negligence, recklessness, or willful misconduct of Consultant, its officials, officers, employees, subcontractors, consultants or agents in the performance of the Services, the Project or this Agreement, including without limitation the payment of all consequential damages and reasonable attorneys fees, expert witness fees and other related costs and expenses of defense. Consultant shall defend, with counsel of CITY's choosing and at Consultant's own cost, expense and risk, any and all such aforesaid suits, actions or other legal proceedings of every kind that may be brought or instituted against CITY, its officials, officers, employees and agents. Consultant shall pay and satisfy any judgment, award or decree that may be rendered against CITY, its officials, officers, employees and agents in any such suits, actions or other legal proceedings. Consultant shall also reimburse CITY for the cost of any settlement paid by CITY arising out of any such claims, demands, causes of action, costs, expenses, liabilities, loses, damages, injuries, suits, actions, or other legal proceedings. Such reimbursement shall include payment for CITY's attorney's fees and costs, including expert witness fees. Consultant shall reimburse CITY, its officials, officers, employees and agents for any and all legal expenses and costs, including expert witness fees, incurred by each of them in connection therewith or in enforcing the indemnity herein provided. Consultant's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by the CITY, its officials, officers, employees and agents.

3.5.7 Entire Agreement. This Agreement contains the entire Agreement of the Parties with respect to the subject matter hereof, and supersedes all prior negotiations,

understandings or agreements. This Agreement may only be modified by a writing signed by both Parties.

3.5.8 Governing Law. This Agreement shall be governed by the laws of the State of California. Venue shall be in Riverside County.

3.5.9 Time of Essence. Time is of the essence for each and every provision of this Agreement.

3.5.10 City's Right to Employ Other Consultants. City reserves right to employ other consultants in connection with this Project.

3.5.11 Successors and Assigns. This Agreement shall be binding on the successors and assigns of the Parties.

3.5.12 Assignment or Transfer. Consultant shall not assign, hypothecate, or transfer, either directly or by operation of law, this Agreement or any interest herein without the prior written consent of the City. Any attempt to do so shall be null and void, and any assignees, hypothecates or transferees shall acquire no right or interest by reason of such attempted assignment, hypothecation or transfer.

3.5.13 Construction; References; Captions. Since the Parties or their agents have participated fully in the preparation of this Agreement, the language of this Agreement shall be construed simply, according to its fair meaning, and not strictly for or against any Party. Any term referencing time, days or period for performance shall be deemed calendar days and not work days. All references to Consultant include all personnel, employees, agents, and subcontractors of Consultant, except as otherwise specified in this Agreement. All references to City include its elected officials, officers, employees, agents, and volunteers except as otherwise specified in this Agreement. The captions of the various articles and paragraphs are for convenience and ease of reference only, and do not define, limit, augment, or describe the scope, content, or intent of this Agreement.

3.5.14 Amendment; Modification. No supplement, modification, or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties.

3.5.15 Waiver. No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.

3.5.16 No Third Party Beneficiaries. There are no intended third party beneficiaries of any right or obligation assumed by the Parties.

3.5.17 Invalidity; Severability. If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.

3.5.18 Prohibited Interests. Consultant maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement. Further, Consultant warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working

solely for Consultant, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, City shall have the right to rescind this Agreement without liability. For the term of this Agreement, no member, officer or employee of City, during the term of his or her service with City, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

3.5.19 Equal Opportunity Employment. Consultant represents that it is an equal opportunity employer and it shall not discriminate against any subcontractor, employee or applicant for employment because of race, religion, color, national origin, handicap, ancestry, sex or age. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination. Consultant shall also comply with all relevant provisions of any City's Minority Business Enterprise program, Affirmative Action Plan or other related programs or guidelines currently in effect or hereinafter enacted.

3.5.20 Labor Certification. By its signature hereunder, Consultant certifies that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and agrees to comply with such provisions before commencing the performance of the Services.

3.5.21 Authority to Enter Agreement. Consultant has all requisite power and authority to conduct its business and to execute, deliver, and perform the Agreement. Each Party warrants that the individuals who have signed this Agreement have the legal power, right, and authority to make this Agreement and bind each respective Party.

3.5.22 Counterparts. This Agreement may be signed in counterparts, each of which shall constitute an original.

3.6 Subcontracting.

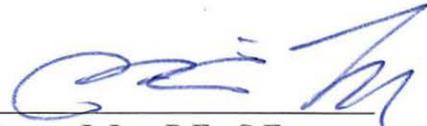
3.6.1 Prior Approval Required. Consultant shall not subcontract any portion of the work required by this Agreement, except as expressly stated herein, without prior written approval of City. Subcontracts, if any, shall contain a provision making them subject to all provisions stipulated in this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first set forth above.

CITY OF INDIAN WELLS

CNS Engineers, Inc.

By: _____
Wade McKinney
City Manager

By: 

James J. Lu, P.E., S.E.
President

Attest:

By: _____
Anna Grandys
City Clerk

By: 

Huimin Huang
CFO

Approved as to form:

Stephen P. Deitsch
City Attorney

Recommended for Approval:



Ken Seumalo, P.E.
Public Works Director

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first set forth above.

CITY OF INDIAN WELLS

By: Wade G. McKinney
Wade McKinney
City Manager

Attest:
By: Aina Grandys
Aina Grandys
City Clerk

Approved as to form:

Stephen P. Deitsch
Stephen P. Deitsch
City Attorney

Recommended for Approval:

Ken A. Seumalo
Ken Seumalo, P.E.
Public Works Director

CNS Engineers, Inc.

By: James J. Lu
James J. Lu, P.E., S.E.
President

By: Huimin Huang
Huimin Huang
CFO

EXHIBIT "A"

SCOPE OF SERVICES

The design services to be furnished for this project by the Consultant shall include, but not be limited to, the preparation and submittal of a Plans, Specifications, and Estimate (PS&E), and Bid Package. The PS&E package shall conform to Federal-Aid requirements as applicable. Services and products to be rendered in performing all work associated with project development may include, but may not be limited to:

1. Meetings

- a. Attend an appropriate number of progress meetings with City staff, including but not limited to a pre-design meeting. The Consultant may be required to attend a City Council meeting.

2. Records Research and Initial Field Review

- a. Research and review as-built documents, traffic data, and other available record data.
- b. Perform preliminary field reconnaissance, record photographs of typical and special existing conditions for reference in design.
- c. Measure and record field dimensions as needed to establish quantities for bidding and cross section details.
- d. Be proactive in field review towards discovery of special conditions that might create conflicts or change orders during construction.

3. Utility Coordination

- a. Prepare an initial request for utility information such as atlas sheets, mapping, or as-built plans, and notify of the need to install all planned facilities in the area of construction.
- b. Send the request along with a vicinity map showing the limits of construction describing the nature of the work and depth of expected excavation.
- c. State in the request that utility companies must implement any upgrade of their underground facilities that are anticipated within any moratorium period the City wishes to apply.
- d. Review utility information to determine the impact of the project on the various utilities, including making contacts with each affected utility company to determine profiles of high hazard/high pressure facilities that may interfere with proposed construction.
- e. Provide utility coordination documentation to the City at the conclusion of design.

4. Pavement Engineering

- a. Note specific pavement conditions, especially potential reconstruction areas and special problems that may require a form of pretreatment prior to overlay.
- b. Coordinate pavement sampling and testing, depths of investigation, samples to be obtained and tests to be performed. Coring of existing pavement, base material and subgrade shall be performed at a minimum of eight (8) locations with thicknesses of base, original pavement, overlays and existence of fabric or other interlayers recorded, plus moisture content of subgrade. Two R-values shall be provided. Locations of cores and R-values will be distributed over the length and between lanes as appropriate to provide the apparent pavement construction history based on pavement engineer's observations.
- c. Perform a review of test data to ascertain potential problems with specific strategies, such as geometric constraints ~~or widespread extreme deflection readings~~ indicating potential reconstruction, thin pavement sections, fabric interlayers affecting cold milling, special base materials, etc.
- d. Identify the characteristic level of deterioration indicated by ~~the deflection~~ geotechnical investigations ~~readings~~ as needing reconstruction, and estimate the quantity of repairs needed for the various likely overlay strategy candidates.
- e. Evaluate special treatments and strategies for resurfacing that will alleviate difficult circumstances on specific segments.
- f. Determine overlay thickness requirements after reconstruction repair areas are eliminated from the analysis using the Asphalt Institute method, and present to City staff the viable strategies that would be recommended as alternatives for pavement upgrades. Value engineering spreadsheet cost breakdowns shall be provided on a square foot basis for each strategy alternate, including comparisons based on projected lifespans. Estimated areas of reconstruction applicable to each strategy shall be averaged into square-foot costs.
- g. Based on the City agreed strategies, incorporate project special conditions, unique engineering and constructability considerations and concerns for overlay, and City agreed preferences into a technical memorandum, including a brief summary of findings and recommendations and all test data, outlining the specific elements to be implemented for pavement upgrade.
- h. Take near completion design plans to the site and mark repair areas in the field with paint and record on the vicinity plan ~~conforming to deflections deleted from the data set~~, and generally proof overlay design aspects such as special conditions for cold milling, and other treatments.
- i. Monitor inclusion of the field information on the project plans, and prepare typical sections, details, construction notes, and special provisions for overlay and reconstruction, to facilitate proper implementation and enforcement at time of construction.

5. Construction Bid Package Preparation

- a. Develop typical sections for overlay of the pavement in enough detail to fully define the construction to be performed.

- b. All approved plans shall be provided to the City on compact disk in AutoCAD 2008 or higher format, as well as on "D" size Mylar. Plan scale shall be appropriate for scope of work and size of Mylar, as approved by the City.
- c. All areas requiring repair/reconstruction shall be included on the plans, with sufficient detail shown as to size and location.
- d. All utilities requiring adjustment to grade shall be included on the plans.
- e. Prepare Re-Striping plan with details as necessary.
- f. Include with Re-Striping plan, or separately if appropriate, traffic signal loop replacement locations and details.
- g. Prepare quantity calculations and final construction cost estimates in accordance with City requirements utilizing current City of Indian Wells and other agency recent bid data and compare to established project budget. The Consultant shall provide the Engineer's estimate in Excel for Windows format.
- h. Prepare Specification document, which shall include but not be limited to Notice Inviting Bids, General Provisions, Federal-Aid Provisions, and Special Provisions per City of Indian Wells requirements for Formal Bidding. Special provisions will be prepared based on the latest edition of the Standard Specifications for Public Works Construction (Greenbook) Provide detailed specifications to allow for effective quality control for asphalt-rubber production. The Consultant shall provide the Specification document in digital format in Microsoft Word for Windows format.

6. Agency Review

- a. Consultant shall submit PS&E and/or other necessary documents to City to obtain approval. At a minimum, the Consultant should anticipate the following plan check submittals:
 - i. 1st Review - Concept Review
 - ii. 2nd Review - 85-90% Check Plans & Specs
 - iii. 3rd Review - 100% Check Plans, Specs, & Engineer's Estimate
 - iv. 4th Review - Preliminary Final (screen check)

7. Construction Bidding Phase Services

- a. Respond to questions during project advertisement period.
- b. Respond to Requests for Information or other questions during the construction period.
- c. Evaluate need for addenda and prepare project addenda, as necessary and extending from original design scope of work.

8. Project Completion

- a. Prepare and submit Record "as-built" Plans (Mylars) documenting any deviations from original approved plans.

REFERENCE DOCUMENTS PROVIDED TO CONSULTANT

Plans, specifications, bid documents, and construction cost estimates for this project were previously prepared and completed in 2008. These documents shall be provided to the Consultant as reference material. The final design as requested by the Consultant is anticipated to substantially conform to the design shown on the 2008 documents, with the following exceptions:

1. If possible, design shall not decrease the height of the existing median curb face.
2. Design shall include any new repair/reconstruction areas as identified by the Consultant.

EXHIBIT "B"

SCHEDULE OF SERVICES

The term of this Agreement shall be from March 7, 2016 to June 30, 2016 unless earlier terminated as provided herein.

EXHIBIT "C"

COMPENSATION

The total compensation shall not exceed Eighty-two thousand and 00/100 Dollars (\$82,000) based on the following rates:

Project Name: Cook Street Rubberized Pavement Overlay / Rehabilitation										
Consultant: CNS Engineers, Inc.							Date: 2/2/16			
Task No.	Task Description	Principal-in-Charge	Senior Rdwy Manager	Design Engineer	Project Administrator /Controls	0	Total Hours	Labor Cost	Subconsultants Labor Cost	Total Cost
(loaded billing rates)		\$235.57	\$159.05	\$97.53	\$154.55	\$0.00				
PHASE I - PRELIMINARY ENGINEERING										
A. Project Management and Coordination										
1	Project Management	1	16		1		18	\$ 2,934.90		\$ 2,934.90
B. Project Start-Up										
1	Kick Off Meeting		4				4	\$ 636.20		\$ 636.20
2	Research and Data Gathering		8				8	\$ 1,272.39		\$ 1,272.39
3	Site Review		4				4	\$ 636.20		\$ 636.20
4	Utility Research and Notifications		8	4			12	\$ 1,662.51		\$ 1,662.51
C. Survey and Mapping										
1	Field Survey		4				4	\$ 636.20	\$8,400.00	\$ 9,036.20
2	Prepare Base Map			12			12	\$ 1,170.36		\$ 1,170.36
D. Geotechnical Investigations										
1	Geotechnical Investigations		4				4	\$ 636.20	\$8,435.00	\$ 9,071.20
E. Conceptual Design (35% Design Level)										
1	Pavement Evaluation Analysis		8				8	\$ 1,272.39		\$ 1,272.39
2	Street Plan Layout		14	20			34	\$ 4,177.28		\$ 4,177.28
3	35% Complete Quantities and Estimate		2	4			6	\$ 708.22		\$ 708.22
4	Present Findings	1	8	12			21	\$ 2,678.32		\$ 2,678.32
PHASE II - FINAL DESIGN ENGINEERING										
A. Project Management and Coordination										
1	Project Management	1	24		1		26	\$ 4,207.29		\$ 4,207.29
B. 85% Complete Plans, Specifications & Estimate										
1	85% Plans	2	38	80			120	\$ 14,317.39		\$ 14,317.39
2	85% Estimate		2	4			6	\$ 708.22		\$ 708.22
3	85% Specifications		40				40	\$ 6,361.95		\$ 6,361.95
4	Second City Submittal	2	8	8			18	\$ 2,523.77		\$ 2,523.77
5	2nd Utility Notification		4	6			10	\$ 1,221.37		\$ 1,221.37
C. 100% / Final PS&E										
1	Draft PS&E		12	24			36	\$ 4,249.30		\$ 4,249.30
2	Third City Submittal	2	8	8			18	\$ 2,523.77		\$ 2,523.77
3	City Approval Submittal		8	12			20	\$ 2,442.75		\$ 2,442.75
4	Final Utility Notification		4	6			10	\$ 1,221.37		\$ 1,221.37
PHASE III - POST DESIGN SERVICES										
A. Bidding Assistance										
			10	4			14	\$ 1,980.61		\$ 1,980.61
B. Construction Support										
			10	6			16	\$ 2,175.67		\$ 2,175.67
C. Prepare As-Built Plans										
				C-1 6			6	\$ 585.18		\$ 585.18
Total Hours		9	248	216	2	0	475	\$ 62,939.82	\$16,835.00	\$ 79,774.82
									Subtotal Labor Cost w/o ODC	\$79,774.82